

FILE 'ENCOMPPAT' ENTERED AT 14:27:51 ON 22 JAN 2003
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FILE COVERS 1964 TO 14 Jan 2003 (20030114/ED)

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CAUTION: Some displays of the LT field are extremely long. Enter NEWS FILE at the arrow prompt for more information.

The Indexing Template (TD) field is available for some records starting with 940901/ED. Enter HELP TEMPLATE at an arrow prompt (=>) for information on how to use this field.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s oligomerization/ct
L1      6884 OLIGOMERIZATION/CT

=> s (catalyst (l) boron fluoride (l) monocarboxylic acid (l) (monohydroxy (l) compounds))/lt
    100883 CATALYST/LT
    1693 BORON FLUORIDE/LT
    48610 MONOCARBOXYLIC ACID/LT
    67712 MONOHYDROXY/LT
    198362 COMPOUNDS/LT
L2      29 (CATALYST (L) BORON FLUORIDE (L) MONOCARBOXYLIC ACID (L) (MONOHYDROXY (L) COMPOUNDS))/LT

=> s l1 and l2
L3      13 L1 AND L2

=> d 1-13

L3      ANSWER 1 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.
AN      2000:8426 ENCOMPPAT;ENCOMPPAT2
DN      P200014533
TI      Production of synthetic hydrocarbon having predetermined composition comprises oligomerizing acyclic olefin, separating catalyst and separating product into lower and higher boiling point fractions
IN      COX W L; STREBEL A D; WOLF J R
PA      BP AMOCO CORP
PI      EP 1006097 20000607
DS      AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV; MC; MK; NL; PT; RO; SE; SI
AI      EP 1999-309287 19991122
PRAI    US 1998-201514 19981130
OS      DERWENT 2000389236
LA      English

L3      ANSWER 2 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.
AN      1999:14304 ENCOMPPAT;ENCOMPPAT2
DN      9953202
TI      Isobutene polymerization process producing polyisobutene of high terminal vinylidene content - uses a catalyst comprising boron trifluoride and an acidic proton that is activated by adding an organic amine
PA      ANONYMOUS
PI      RD 424071 19990810
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AI RD 0424071 19990720

PRAI RD 424071 19990720

OS DERWENT 99492400

LA English

L3 ANSWER 3 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.

AN 1998:12170 ENCOMPPAT;ENCOMPPAT2

DN 9812542

TI Oligomerising liquid olefin(s) using boron trifluoride catalyst - by removing inert volatile material, contacting with boron trifluoride, vaporising and recovering boron trifluoride from the crude product

IN HOLUB R A; SOLTIS S D

PA AMOCO CORP

PI US 5811616 19980922

AI US 1995-489880 19950613

PRAI US 1995-489880 19950613

OS DERWENT 98530963

L3 ANSWER 4 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.

AN 97:2905 ENCOMPPAT;ENCOMPPAT2

DN 9710617

TI Recovery of boron trifluoride from crude oligomerisation - comprises vaporisation of boron trifluoride and contacting with liq. olefin compsn. and promoter to form complex in absorption zone

IN HERMANN C W; HOLUB R A; SOLTIS S D

PA AMOCO CORP

PI WO 9641782 961227

DS CA; JP; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

AI WO 1996-IB735 960611

PRAI US 1995-489858 950613

US 1995-489975 950613

OS DERWENT 97065404

LA English

L3 ANSWER 5 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.

AN 96:1394 ENCOMPPAT;ENCOMPPAT2

DN 9610422

TI Removal of catalyst from olefin oligomerisation prod. - by distilling while sepg. vaporised boron trifluoride co-catalyst complex and sepg. vaporised unreacted monomer from bottom prod.

IN ALASTALO K; LEHTINEN V M; LINNAILA R; NISSFOLK F; SMEETS I; THIERIE F; LEHTINEN V

PA NESTE ALFA OY

PI EP 688748 951227

DS AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; PT; SE

AI EP 1994-870107 940624

PRAI EP 1994-870107 940624

OS DERWENT 96041496

LA English

L3 ANSWER 6 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.

AN 95:6327 ENCOMPPAT;ENCOMPPAT2

DN 9511607

TI Formation of olefin oligomers with high yields of dimer and trimer - by contacting olefinic monomer with boron trifluoride and hydroxy-ketone or hydroxy-aldehyde promoter

IN CUPPLES B L; HO T C; HOPE K D

PA CHEVRON CHEM CO

PI US 5420373 950530

AI US 1994-217265 940324

PRAI US 1994-217265 940324

OS DERWENT 95206345

L3 ANSWER 7 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.
AN 92:3916 ENCOMPPAT;ENCOMPPAT2
DN 9211159
TI Olefin oligomerisation to give low viscosity prod. - using boron tri-fluoride catalyst with co-catalyst of combination of water and/or alcohol with carboxylic acid anhydride
PA Idemitsu Petrochem KK
PI EP 477673 920401
DS BE; CH; DE; FR; GB; IT; LI; NL; SE
PRAI JP 1990-251446 900920
OS DERWENT 92106110

L3 ANSWER 8 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.
AN 89:4518 ENCOMPPAT;ENCOMPPAT2
DN 8921573
TI Polyolefin lubricant prodn. by olefin oligomerisation - with recovery and re-use of boron trifluoride complex catalyst
PA Neste Oy
PI EP 318186 890531
DS AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE
PRAI FI 1987-4999 871112
OS DERWENT 89159248

L3 ANSWER 9 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.
AN 74:6100 ENCOMPPAT;ENCOMPPAT2
DN 7453855
TI CYCLOPENTENE DIMERISATION CATALYST
PA GOODRICH B F CO
PI US 3808283 740430
PRAI US 1973-366699 730604
OS DERWENT 7436420V

L3 ANSWER 10 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.
AN 74:6099 ENCOMPPAT;ENCOMPPAT2
DN 7453852U
TI ACTINIDE METAL-BASED OLEFIN POLYMSN./OLIGOMERISATION CATALYST
PA ATLANTIC RICHFIELD CO
PI US 3808150 740430
PRAI US 1971-207695 711213
OS DERWENT 7436364V

L3 ANSWER 11 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.
AN 74:6098 ENCOMPPAT;ENCOMPPAT2
DN 7453852S
TI ACTINIDE METAL-BASED OLEFIN POLYMSN./OLIGOMERISATION CATALYST
PA ATLANTIC RICHFIELD CO
PI US 3808150 740430
PRAI US 1971-207695 711213
OS DERWENT 7436364V

L3 ANSWER 12 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.
AN 74:5976 ENCOMPPAT;ENCOMPPAT2
DN 7453444
TI OLIGOMERIZATION CATALYST
PA ATLANTIC RICHFIELD CO
PI US 3803053 740409
PRAI US 1971-196238 711105
OS DERWENT 7430511V

L3 ANSWER 13 OF 13 ENCOMPPAT COPYRIGHT 2003 ELSEVIER ENGINEERING INFORMATION INC.

AN 73:5744 ENCOMPPAT;ENCOMPPAT2
DN 7354096
TI OLIGOMERISATION OF PROPYLENE TO NONENE - USING BORIC FLUORIDE CATALYST, IN
PARAFFIN OR PROPYLENE LOW POLYMER SOLVENT
PA NISSAN CHEMICALS INDUSTRIES LTD
PI JP 7323405 730713
PRAI JP 1969-85862 691027
OS DERWENT 7341238U